

TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT SUPPORT AND
GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
(INCLUDING DEPOT MAINTENANCE REPAIR
PARTS AND SPECIAL TOOLS)

58

**AIR CONDITIONER, 25,000 BTU
ELECTRIC MOTOR DRIVEN,
120/208V, 3 PHASE, 50/60 HZ,
4 WIRE, ELLIS WATTS
MODEL MOAC-336**

NSN 4120-01-030-6883

This copy is a reprint which includes current
pages from Change 1.

RETURN TO GPO

CHANGE }
1 }

HEADQUARTERS
DEPARTMENTS OF THE ARMY AND
AIR FORCE
WASHINGTON, D.C., 20 June 1979

Organizational, Direct Support and
General Support Maintenance
Repair Parts and Special Tools Lists
(Including Depot Maintenance Repair
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MODEL MOAC-336
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TM 5-4120-343-24P/TD 35E9-179-14, 13 June 1979, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages

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7 and 8
23 and 24

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2. Retain this sheet in front of manual for reference purposes.

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**ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST
INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS
FOR**

**AIR CONDITIONER, 25,000 BTU,
(ELLIS AND WATTS MODEL MOAC-336)
NSN 4120-01-030-6883**

Current as of 13 June 1979

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake or if you know of a way to improve the procedure, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), DA Form 2028-2 located in the back of this manual direct to: Commander, U. S. Army Troop Support Center, Materiel Readiness Command, ATTN: DRSTS-MTPS, 4300 Goodfellow Boulevard, St. Louis, MO 63111. Your reply will be furnished directly to you.

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ing, test, measurement, and diagnostic equipment (MDE), and other support equipment required for operation and performance of organizational, direct support, general support and depot maintenance of the Air Conditioner.

General.

a. Section II - Repair Parts List. A list of repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of assembly groups in ascending numerical sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in NSN sequence, the last group in Section II.

b. Section II - Special Tools List. (Not applicable)

c. Section IV - National Stock Number and Part Number Index. A list, in NIIN (National Item Identification Number) sequence, of all National Stock Numbers appearing in the listings, followed by a list, in alphanumeric sequence, of part numbers appearing in the listings. National Stock Number and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns. The following provides an explanation of columns found in the tabular listings:

a. Illustration. This column is divided as follows:

(1) **Figure Number.** Indicates the figure number of the illustration in which the item is shown.

(2) **Item Number.** The number used to identify each item called out in the illustration.

b. Source, Maintenance, and Recoverability Codes (SMR).

(1) **Source Code.** Source codes are assigned to support items to indicate the manner of acquiring support items for maintenance, repair, or overhaul and items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code	Definition
------	------------

purpose because essentiality of a minimum quantity be available supply systems.

PC Item procured and stocked and otherwise would be coded PA except for deteriorative in nature.

PD Support item, excluding support, procured for initial issue, outfitting and stocked only for subsequent additional initial issues or outfitting subject to automatic replenishment.

PE Support equipment procured for initial issue or outfitting maintenance repair activities.

PF Support equipment which is stocked but which will be procured on demand.

PG Item procured and stocked to sustain support for the life of the equipment. It is applied to an item of the equipment which, because of discontinuance or shutdown of facilities, would prove uneconomical to produce at a later time.

KD An item of a depot overhaul/repair not purchased separately. Defined as a kit that provides its components at the time of overhaul or repair.

KF An item of a maintenance kit not purchased separately. Maintenance defined as a kit that provides a component can be replaced at organizational or intermediate levels of maintenance.

KB Item to be assembled at depot level.

MO

MF Item to be manufactured or assembled at the depot level.

MH Item to be manufactured or assembled at the depot level.

MD Item to be manufactured or assembled at the depot maintenance level.

AO Item to be assembled at organizational level.

AF Item to be assembled at depot level.

AD	Item to be assembled at depot maintenance level.
XA	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB	Item is not procured or stocked. If not available through salvage, requisition.
XD	A support item that is not stocked. When required, item will be procured through normal supply channels.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA or XD.

(2) **Maintenance Code.** Maintenance codes are assigned to indicate the levels of maintenance authorized to use and repair support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the fourth position will indicate one of the following levels of maintenance.

Code	Application/Explanation
C	Crew or operator maintenance performed within organizational maintenance.
O	Support item is removed, replaced, used at the organizational level.
I	Support item is removed, replaced, used by the direct support element of integrated direct support maintenance.
F	Support item is removed, replaced, used at the direct support level.
H	Support item is removed, replaced, used at the general support level.
O	Support items that are removed, replaced, used at depot, mobile depot, specialized repair activity only.

the same by direct support

(b) The maintenance fourth position indicates whether repaired and identifies the level with the capability to perform (i.e., all authorized maintenance position will contain one of the maintenance codes:

Code	Application/Explanation
O	The lowest maintenance level authorized for complete repair of the item at the organizational level.
F	The lowest maintenance level authorized for complete repair of the item at the direct support level.
H	The lowest maintenance level authorized for complete repair of the item at the general support level.
D	The lowest maintenance level authorized for complete repair of the item at the depot level.
L	Repair restricted to direct support repair activity.
Z	Nonreparable. No repair activity authorized.
B	No repair is authorized. Item is to be replaced, reconditioned by depot activity, etc., at the user level. Tools and equipment are procured for this item.

(3) **Recoverability Code.** Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

Recoverability Codes	Explanation
Z	Nonreparable. Item is to be disposed of at the user level.
O	Reparable. Item is to be repaired at the user level for economic reasons. Item is to be demobilized and returned to the organization.

- F** Repairable item. When uneconomically repairable, condemn and dispose at the direct support level.
- H** Repairable item. When uneconomically repairable, condemn and dispose at the general support level.
- D** Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below level.
- L** Repairable item. Repair, condemnation, and disposal not authorized below depot/specialized repair activity level.
- A** Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

c. National Stock Number. Indicates the National Stock Number assigned to the item and will be used for requisitioning purposes.

d. Part Number. Indicates the primary number used by the manufacturer which controls the design and characteristics of the items.

NOTE

When a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

e. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item. Items that are included in kits and sets are listed below the name of the kit or set with the quantity of each item in the kit or set.

When density of equipments supportability spread indicated in the basis authorization is increase according to the

g. Unit of Measure (U/M). In standard of the basic quantity of the item in performing the actual maintenance. This measure is expressed by a two letter alphabetical abbreviation (e.g., ea, in, p). If the unit of measure differs from the lowest unit of issue that will satisfy the units of measure will be requisitioned.

h. Quantity Incorporated in the Item. The quantity of the item used in the assembly on the illustration figure, which is a functional group, subfunctional group, or assembly. A "V" appearing in this column quantity indicates that no specific quantity is required (e.g. shims, spacers, etc.).

4. Special Information.

a. Repair parts kits and gaskets are listed in the last entries in the repair part list figure in which its parts are listed. Kits and gaskets are listed at the end of the repair part list figure containing parts of the assembly.

b. The following publications contain information on the conditioner and its components.

TM 5-5420-200-2	Operator's Manual
	Direct Support Manual
	Support Manual

5. How to Locate Repair Part

a. When National Stock Number is Unknown.

(1) First. Using the table of contents, determine the assembly group within which the repair part belongs. This is necessary since the repair parts are prepared for assembly groups and are divided into the same groups.

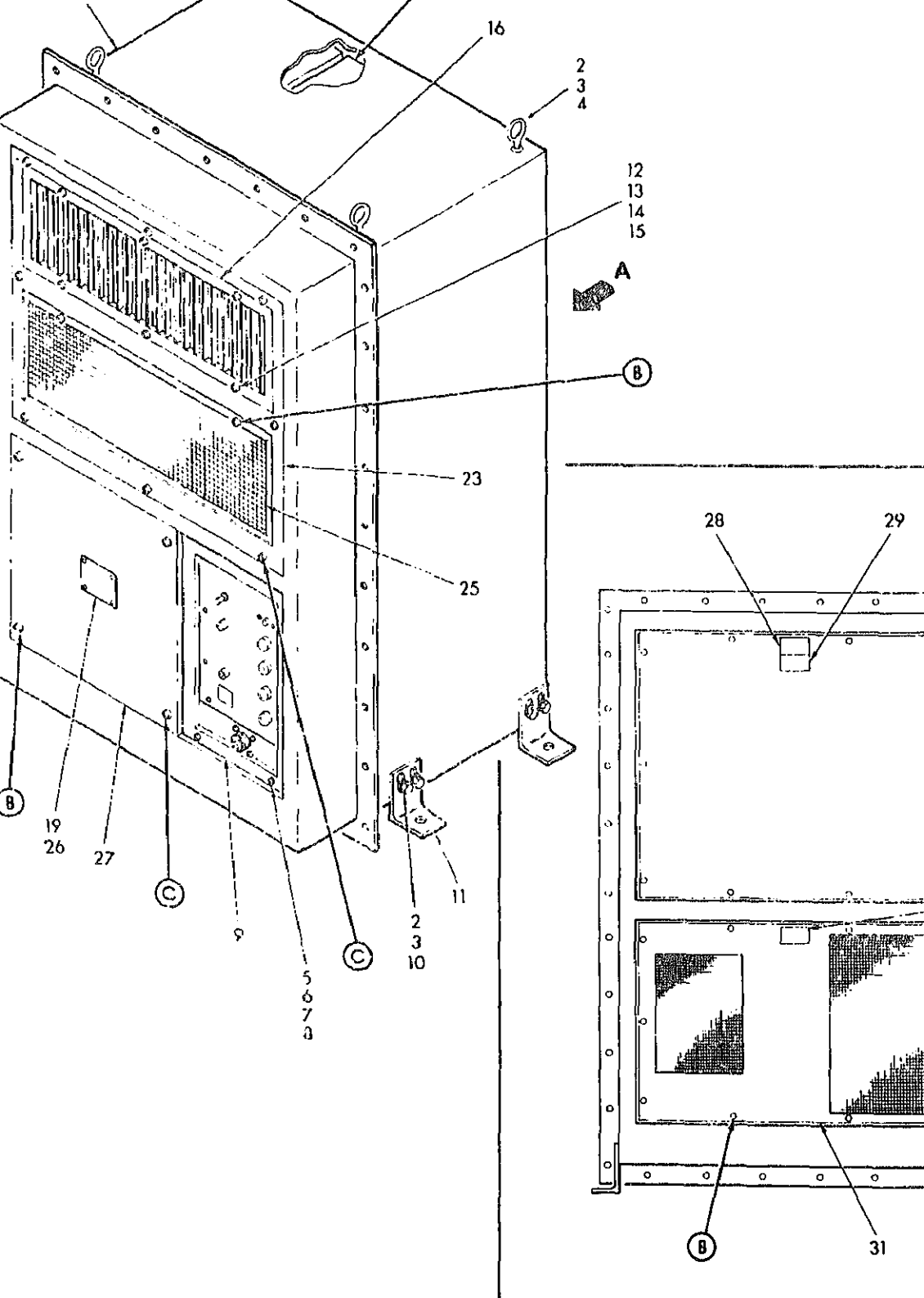
(2) Second. Find the illustration of the assembly group to which the repair part belongs.

(3) Third. Identify the repair part in the illustration and note the illustration number.

and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

1	1	XBFZZ		20V2-1	70437	CHASSIS, AIR.....
1	2	PAUZZ	5310-00-484-3006	MS51922-9	70430	NUT, SELF-LOCKING.....
1	3	PAUZZ	5310-00-087-7494	MS27183-13	70430	WASHER, FLAT.....
1	4	XBUZZ		DANIELS6211	71747	BOLT, EYE.....
1	5	PAUZZ	5310-00-141-3062	MS27130A26	70430	NUT, PLAIN, BLIND.....
1	6	PAUZZ	5310-00-550-5054	MS15795-809	70430	WASHER, FLAT.....
1	7	PAUZZ	5310-00-433-8121	MS30338-134	70430	WASHER, LOCK.....
1	8	PAUZZ	5305-00-247-1321	MS35234-65	70430	SCREW, MACHINE.....
1	9	XBUZZ		20V2-2P1	70437	CABINET, ELECTRICAL.....
1	10	PAUZZ	5305-00-225-9005	MS40725-36	70430	SCREW, MACHINE.....
1	11	XBFZZ		20V2-2P8	70437	BRACKET, ANGLE.....
1	12	PAUZZ	5310-01-009-9709	MS27130-20	70430	NUT, PLAIN, BLIND.....
1	13	PAUZZ	5310-00-045-3246	MS35338-43	70430	WASHER, LOCK.....
1	14	PAUZZ	5310-00-804-8540	MS27183-8	70430	WASHER, FLAT.....
1	15	PAUZZ	5305-00-993-1648	MS35207-265	70430	SCREW, MACHINE.....
1	16	XBUZZ		20V2-10741	70437	GRILLE, METAL.....
1	17	PAUZZ	5325-00-282-7471	05-35-295-15	70430	RECEPTACLE, TURNLOCK.....
1	18	PAUZZ	5365-00-838-0422	05-34-101-17	70430	RETAINER, STUD.....
1	19	PAUZZ	5320-00-582-3522	1601-0410	70430	RIVET, BLIND.....
1	20	PAUZZ	5310-00-777-6032	05-46-101-34	70430	WASHER, RECESSED.....
1	21	PAUZZ	5325-00-410-3130	14-18-150-24	70430	SPRING, HELICAL.....
1	22	PAUZZ	5325-01-021-1127	05-11-930-10	70430	STUD, TURNLOCK.....
1	23	XBUZZ		20V1-1P1	70437	COVER, ACCESS.....
1	24	PAUZZ	5325-01-021-1528	05-11-1100-16	70430	STUD, TURNLOCK.....
1	25	PAUZZ	4130-01-072-0271	20V2-105	70437	FILTER ELEMENT, AIR.....
1	26	XBUZZ		55720-23V	70437	PLATE.....
1	27	XBUZZ		20V1-1P2	70437	COVER, ACCESS.....
1	28	XBUZZ		20V2-108	70437	PLATE, INSTRUCTION.....
1	29	XBUZZ		20V2-109	70437	PLATE, INSTRUCTION.....
1	30	XBUZZ		20V1-1P4	70437	COVER, ACCESS.....
1	31	XBUZZ		20V1-1P3	70437	COVER, ACCESS.....
1	32	PAUZZ	5320-00-426-4916	1601-0613	70430	RIVET, BLIND.....
1	33	XBUZZ		55196	70437	INSULATOR, WASHER.....
1	34	XBUZZ		20V5-6-2P5	70437	INSULATION BOARD.....
1	35	XBUZZ		20V5-6-2P6	70437	INSULATION BOARD.....
1	36	XBUZZ		20V5-6-2P4	70437	INSULATION BOARD.....
1	37	XBUZZ		20V5-6-2P1	70437	INSULATION BOARD.....
1	38	XBUZZ		20V5-6-2P2	70437	INSULATION BOARD.....
1	39	XBUZZ		20V5-6-2P3	70437	INSULATION BOARD.....
1	40	XBUZZ		20V5-6-2P7	70437	INSULATION BOARD.....
1	41	XBUZZ		20V5-6-2P8	70437	INSULATION BOARD.....



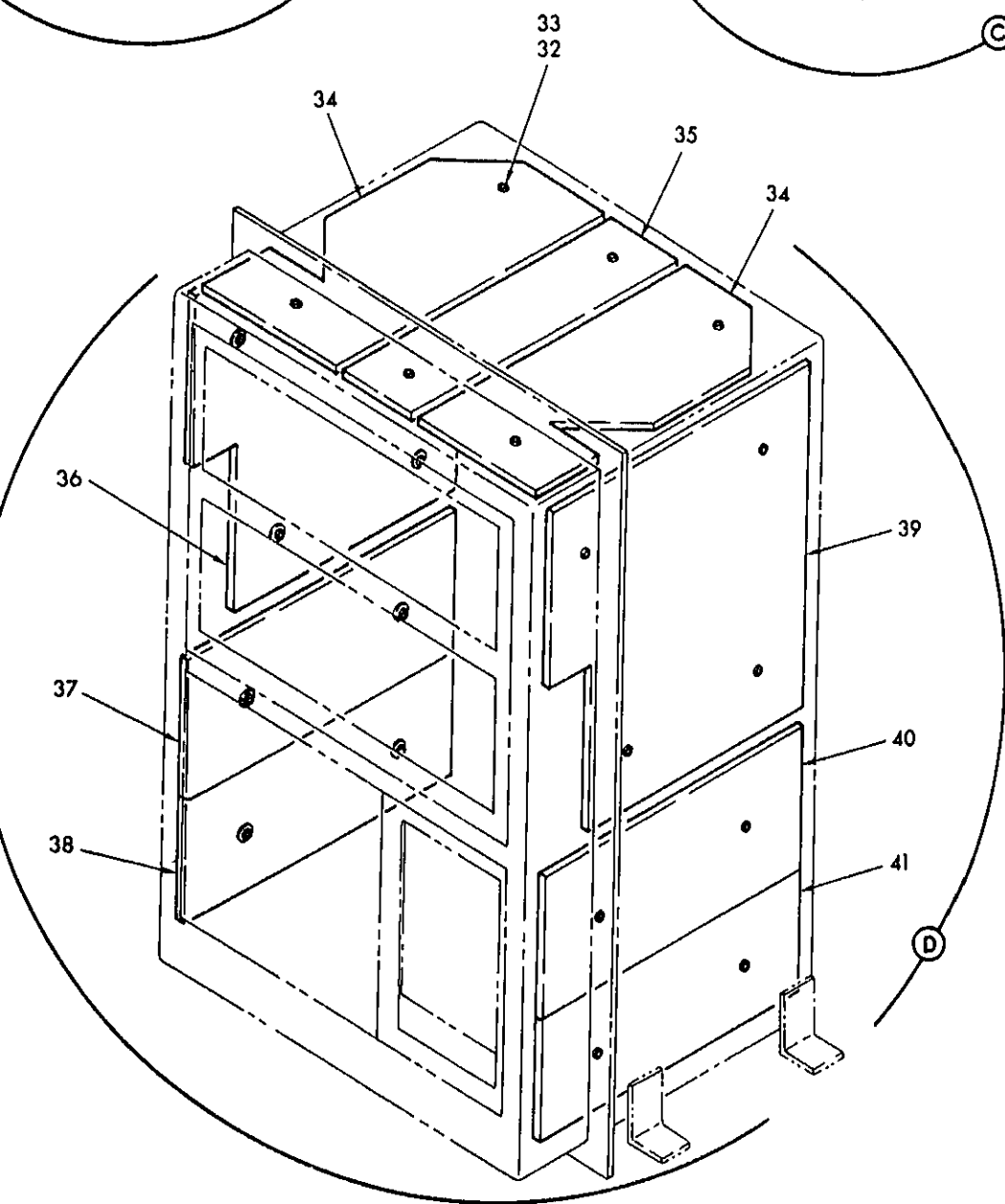
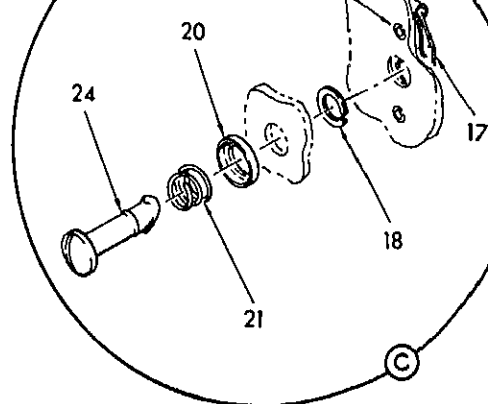
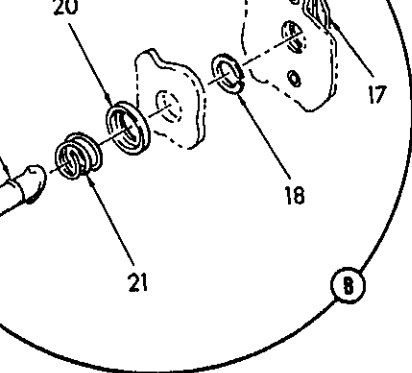
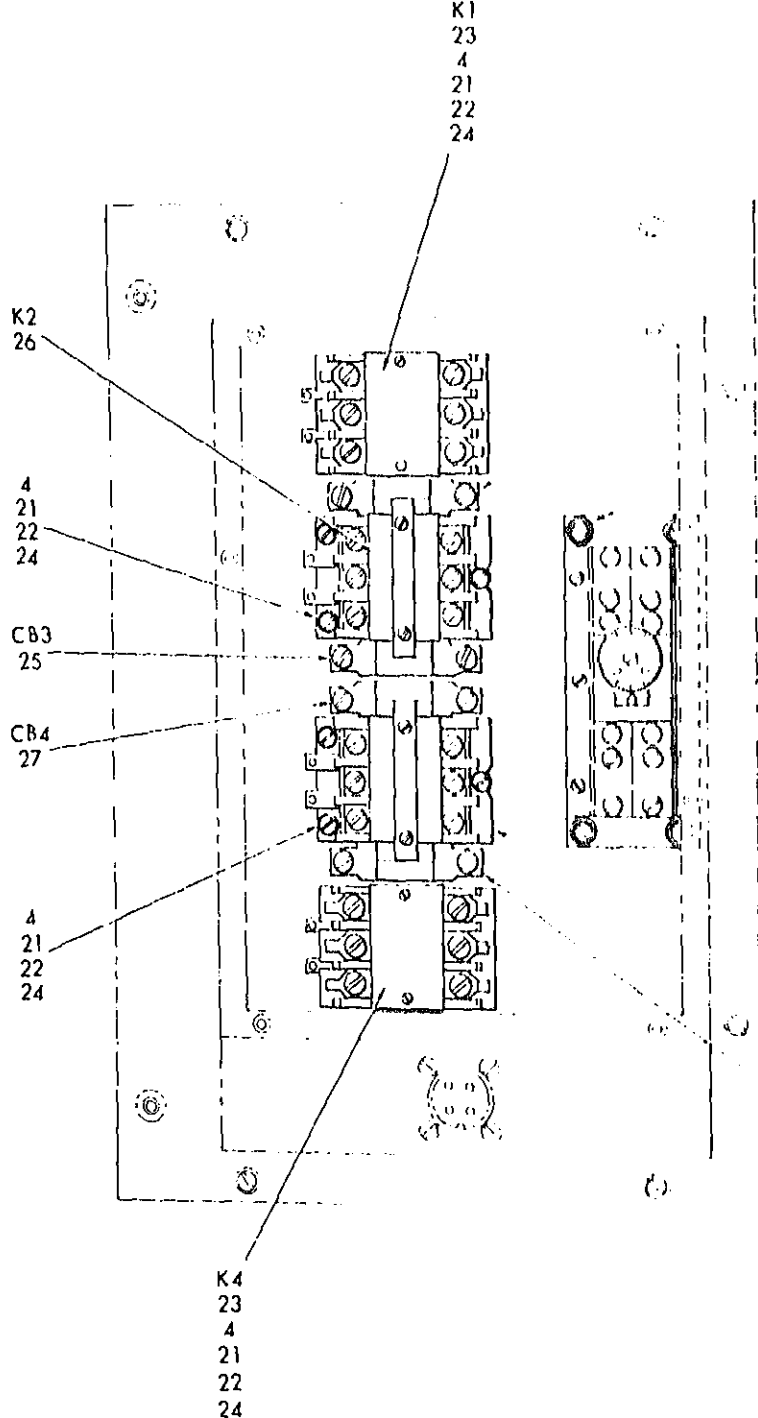
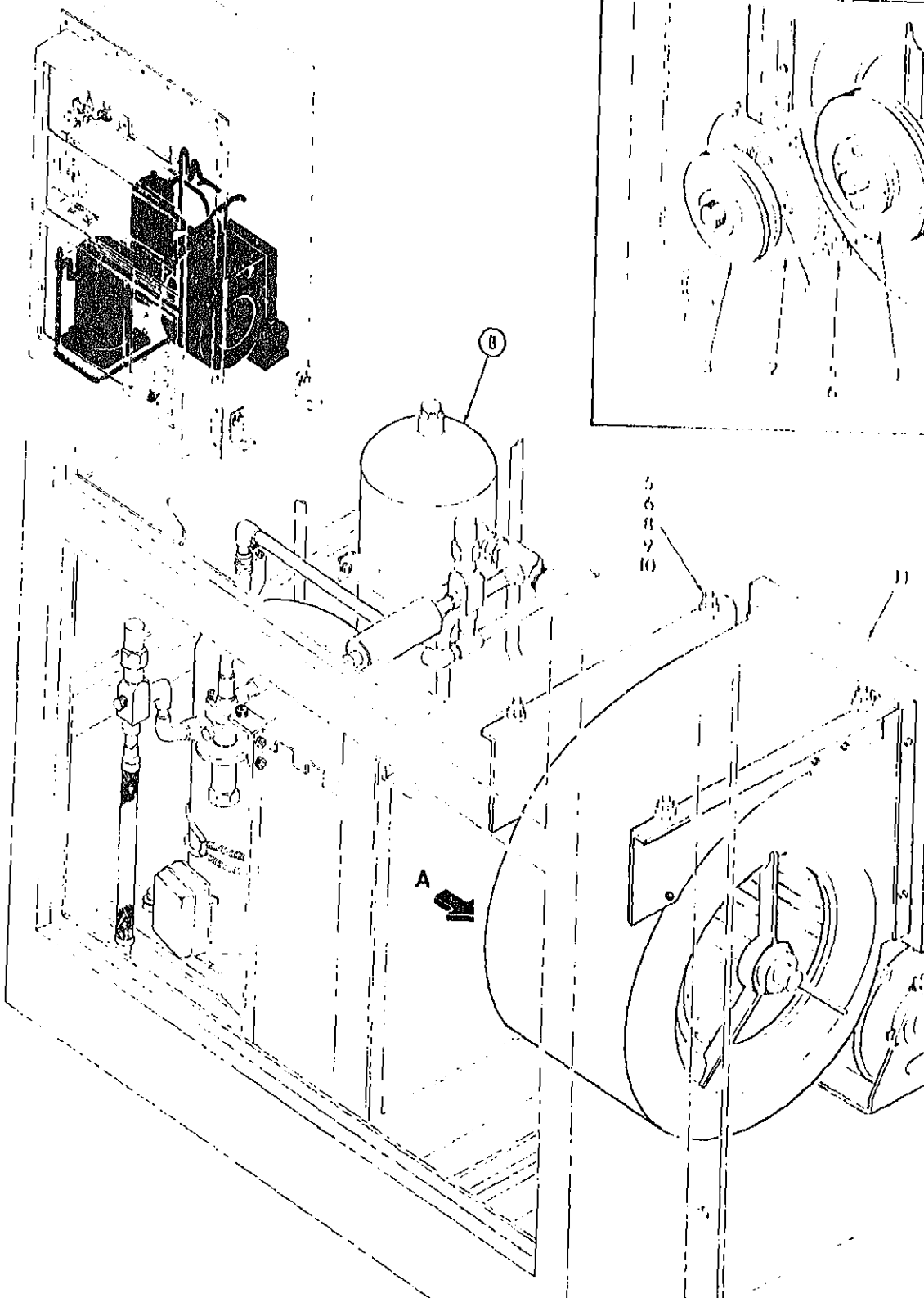


FIG NO	ITEM NO	SVR CODE	STOCK NUMBER	PART NUMBER	FSCM	US
						GROUP 02 CONTROL AND INDICATOR SECTION
2	1	PAQZZ	5305-00-059-3660	MS51958-64	96906	SCREW, MACHINE
2	2	PAQZZ	5310-00-933-8121	MS35338-139	96906	WASHER, LOCK
2	3	PAQZZ	5310-00-550-5054	MS15795-809	96906	WASHER, FLAT
2	4	PAQZZ	5310-01-009-9765	MS27130-20	96906	NUT, PLAIN, BLIND
2	5	PAQZZ	5930-00-615-9367	MS35059-21	96906	SWITCH, TOGGLE ATTACHING HARDWARE SUPPLIED SWITCH
2	6	PAQZZ	5310-00-934-9765	MS35650-304	96906	NUT, PLAIN, HEXAGON
2	7	PAQZZ	5925-00-077-8972	PDM5	73803	CIRCUIT BREAKER
2	8	PAQZZ	5305-00-059-3562	MS51958-66	96906	SCREW, MACHINE
2	9	PBQZZ	6110-00-994-8356	42555-300	04009	BUTTON, RESET ATTACHING HARDWARE SUPPLIED RESET BUTTON
2	10	PAQZZ	6210-00-683-0133	51901-1C5	72619	LIGHT, INDICATOR ATTACHING HARDWARE SUPPLIED INDICATOR LIGHT
2	11	PAQZZ	6240-00-143-3049	6S6	92966	LAMP, INCANDESCENT
2	12	PAQZZ	6210-00-504-1093	51-0901-0112-201	72619	LIGHT INDICATOR ATTACHING HARDWARE SUPPLIED INDICATOR LIGHT
2	13	XBQZZ		20V2-108	98437	PLATE, INSTRUCTION
2	14	PAQZZ	6210-00-299-5106	51-0901-0111-301	72619	LIGHT, INDICATOR ATTACHING HARDWARE SUPPLIED INDICATOR LIGHT
2	15	XBQZZ		20V4-1-1	98437	PLATE, MOUNTING
2	16	PAQZZ	5310-00-934-9761	MS35649-64	96906	NUT, PLAIN, HEXAGON
2	17	PAQZZ	5310-00-929-6395	MS35338-136	96906	WASHER, LOCK
2	18	PAQZZ	5935-00-725-0889	MS3102E24-22P	96906	CONNECTOR
2	19	PAQZZ	5305-00-068-6534	MS35233-31	96906	SCREW, MACHINE
2	20	PAQZZ	5310-00-880-5976	MS15795-806	96906	WASHER, FLAT
2	21	PAQZZ	5305-00-989-7435	MS35207-264	96906	SCREW, MACHINE
2	22	PAQZZ	5310-00-609-8546	MS27183-8	96906	WASHER, FLAT
2	23	PAQZZ	5945-00-008-4333	ACC330UM20	04009	RELAY, ARMATURE
2	24	PAQZZ	5310-00-045-3296	MS35338-43	96906	WASHER, LOCK
2	25	PAQZZ	5999-00-476-1037	42410	04009	HEATER, THERMAL
2	26	PAQZZ	6110-01-006-6035	ACS3302U20	04009	STARTER, MOTOR
2	27	PAQZZ	5999-00-383-2139	42008	04009	HEATER, THERMAL
2	28	PAQZZ	5305-00-984-6196	MS35206-248	96906	SCREW, MACHINE
2	29	PAQZZ	5310-00-045-3299	MS35338-42	96906	WASHER, LOCK
2	30	PAQZZ	5310-00-809-8544	MS27183-7	96906	WASHER, FLAT
2	31	PAFZZ	5930-00-7C6-3535	A36AHB3	92578	THERMOSTAT, FLOW
2	32	PAQZZ		MS27130A14	96906	NUT, PLAIN, BLIND



3	3	P80ZZ		VP44-5-8	7117
3	4	X80ZZ		20V2-108	7843
3	5	PA0ZZ	5310-00-964-3806	MS51922-9	7070
3	6	PAUZZ	5310-00-087-7453	MS27183-13	7070
3	7	PA0ZZ	6105-00-377-8115	RM3154	0547
3	8	PAJZZ	5310-00-809-4061	MS27183-15	7070
3	9	PA0ZZ	5340-00-070-2064	AR151	3547
3	10	PAUZZ	5306-00-225-8501	MS90725-37	7070
3	11	PA0ZZ		20V2-101M1	7843
3	12	X8FZZ		F3U	2230
3	13	X8FZZ	4730-00-821-3037	W2321	4147
3	14	X8FZZ	4730-00-821-9184	W40350	4147
3	15	X8FZZ	4730-00-839-0380	W2326	4147
3	16	PAFZZ	4730-00-822-1277	W1715	4147
3	17	X8FZZ	4730-00-254-6450	W2022	4147
3	18	PAFZZ	4730-00-251-1377	W1720	4147
3	19	X8FZZ	4730-00-345-1106	W4001	4147
3	20	X8FZZ		W2817	4147
3	21	X8FZZ	4730-00-027-0773	W2334	4147



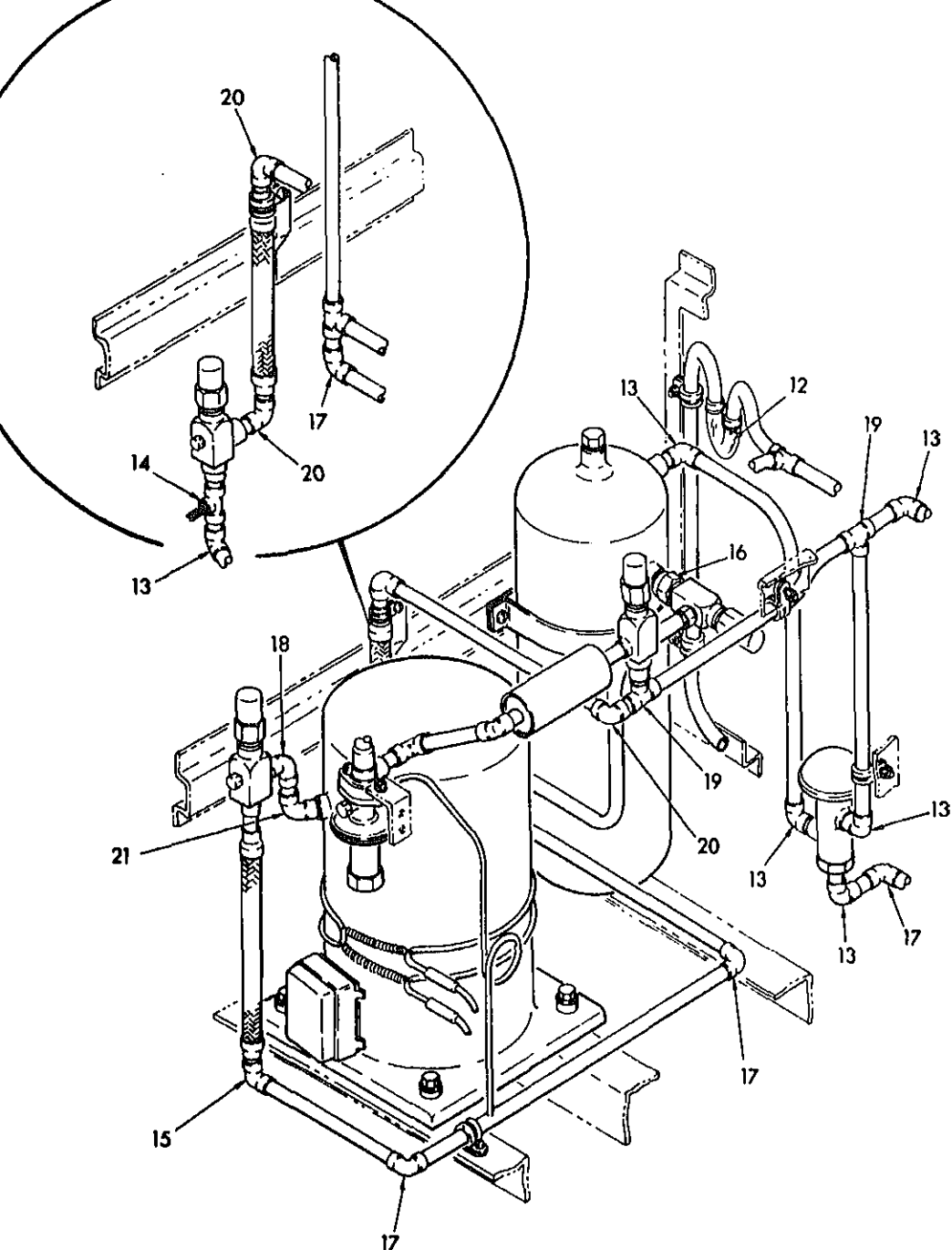
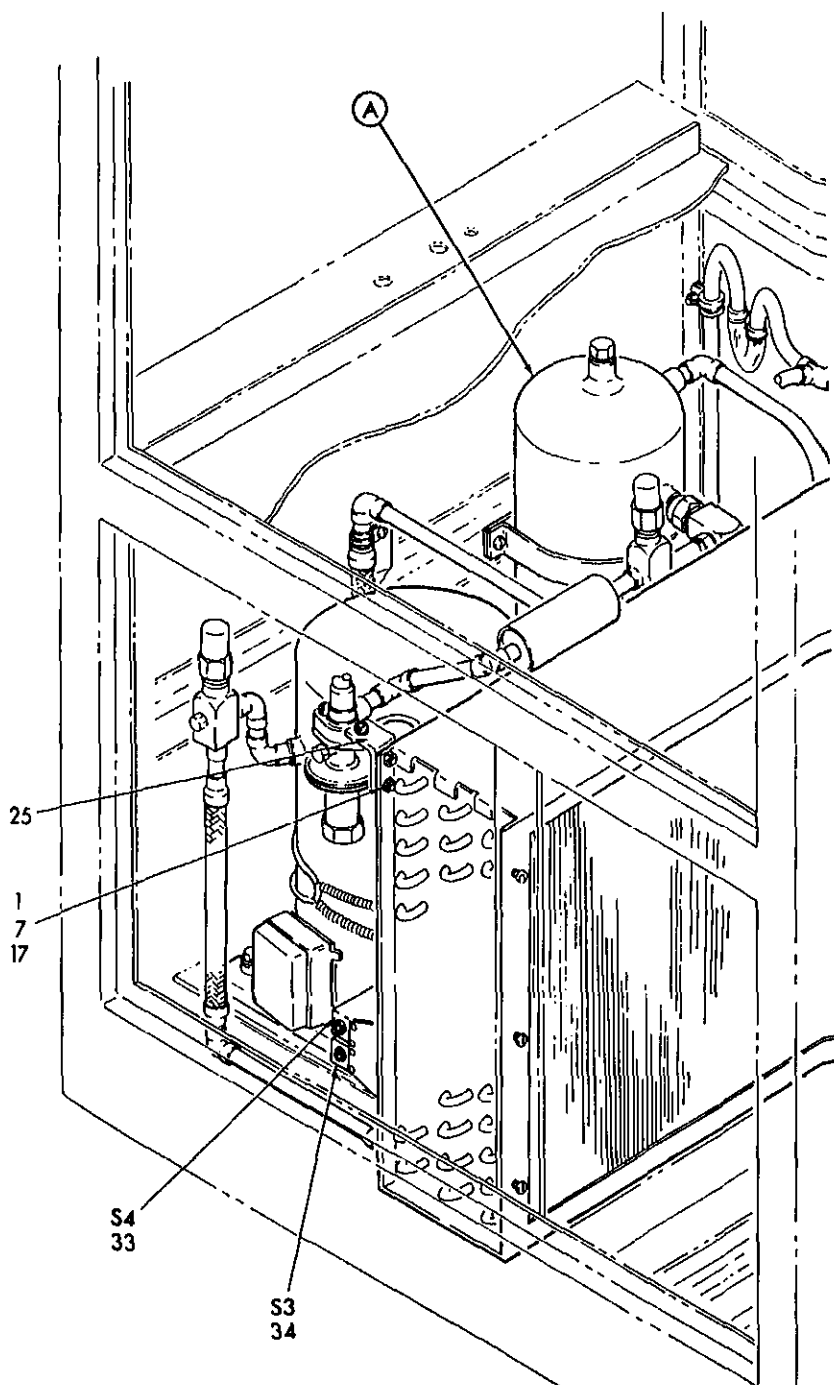
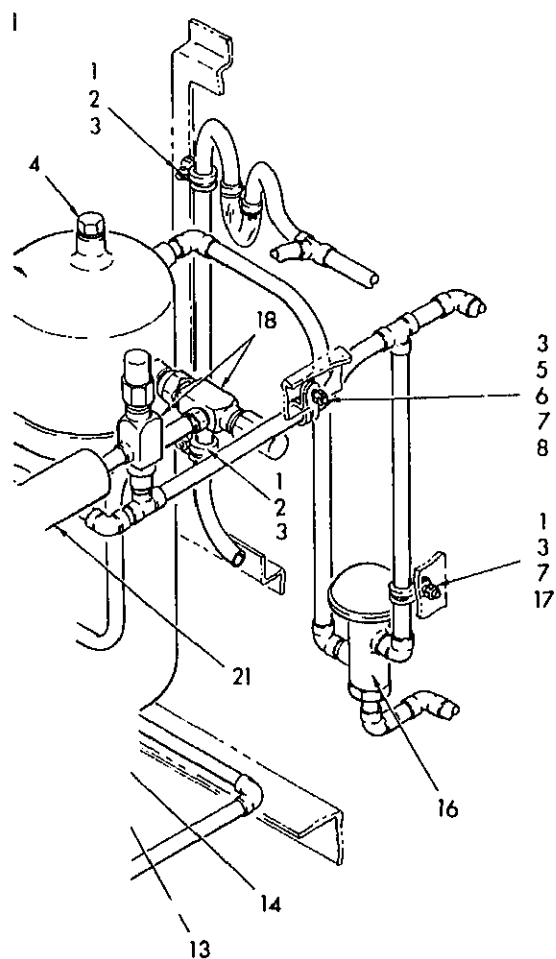


FIG 3. CONDENSER FAN AND MOTOR SECTION (SHEET 2 OF 2)

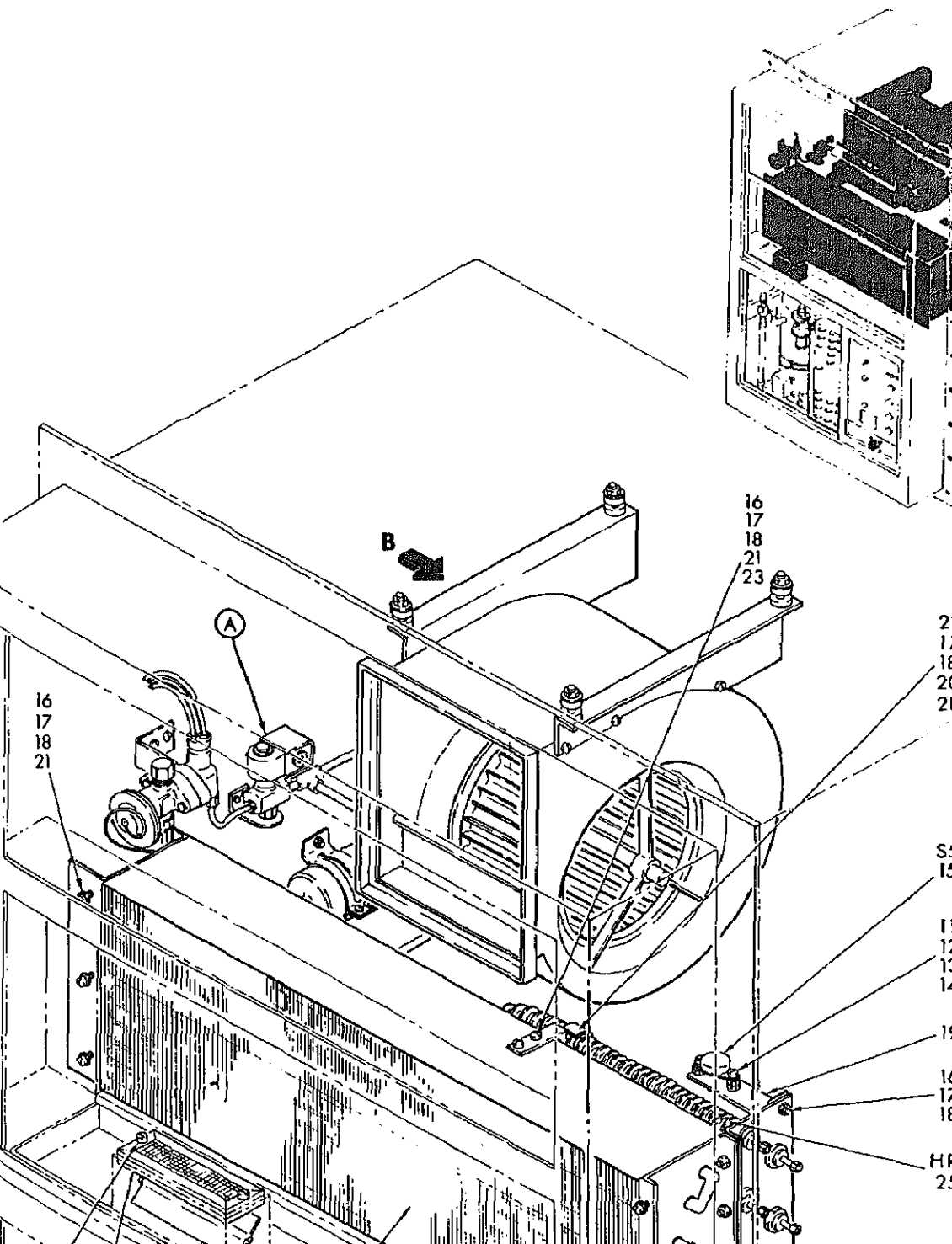
4	3	PAQZ2	5340-00-009-0508	MS21105-7	50900	CLAMP, LEAD.	.....
4	4	PAF22	5340-00-505-4002	A14021	71947	PLUG, FUSIBLE.	.....
4	5	PAQZ2	5310-01-009-9785	MS27133-20	70900	NUT, PLAIN, BLIND.	.....
4	6	PAQZ2	5305-00-993-1848	MS35207-265	90900	SCREW, MACHINE.	.....
4	7	PAQZ2	5310-00-807-8546	MS27183-8	70900	WASHER, FLAT.	.....
4	8	PAQZ2	5310-00-045-3246	MS35339-43	70900	WASHER, LOCK.	.....
4	9	PAQZ2	5305-00-068-0501	MS93725-5	70900	SCREW, MACHINE.	.....
4	10	PAQZ2	5310-00-582-5565	MS35338-44	70900	WASHER, LOCK.	.....
4	11	PAQZ2	5310-00-809-4058	MS27183-10	70900	WASHER, FLAT.	.....
4	12	ABF22		20V2-277	70437	BRACKET, RECEIVER.	.....
4	13	PAQZ2	5310-00-959-1488	MS91922-21	70900	NUT, PLAIN.	.....
4	14	PAQZ2	5310-00-809-4061	MS27183-15	70900	WASHER, FLAT.	.....
4	15	ABF22		L618	07031	RECEIVER, LIQUID.	.....
4	16	PAQZ2	4820-01-065-2030	HP9548	70275	VALVE, REGULATING.	.....
4	17	PAQZ2	5305-00-509-7435	MS35207-264	70900	SCREW, MACHINE.	.....
4	18	ABF22	4820-00-869-3261	AC3-10	70437	VALVE, CROSS.	.....
4	19	ABF22		20V583	70437	BRACKET, DOUBLE.	.....
4	20	PAQZ2	5310-00-141-3062	MS27130A26	70900	NUT, PLAIN, BLIND.	.....
4	21	ABF22		NS0224	70402	STRAINER, SEDIMENT.	.....
4	22	PAQZ2	5340-00-497-5880	AN742-12C	08044	CLAMP, LOOP.	.....
4	23	PAF22	4720-00-059-3701	VAF4	77004	HOSE ASSEMBLY, METAL.	.....
4	24	PAF22	4820-00-550-8654	CP9H35H	70235	VALVE, REGULATING.	.....
4	25	ABF22		20V524	70437	BRACKET, ANGLE.	.....
4	26	PAF22	4720-00-039-7279	B2-4-3C	70437	HOSE ASSEMBLY, METAL.	.....
4	27	PAF22	4520-00-537-5565	018-0013-00	14004	HEATER, CRANKCASE.	.....
4	28	PAQZ2	5306-00-225-8505	MS90725-41	70900	SCREW, MACHINE.	.....
4	29	PAQZ2	5310-00-167-0767	AN970-5	00044	WASHER, LOCK.	.....
4	30	PAQZ2	5310-00-067-7493	MS27183-13	70900	WASHER, FLAT.	.....
4	31	PAF22	4130-01-068-5302	1423-1M1	70437	COMPRESSOR.	.....
4	32	PAQZ2	5310-00-984-3606	MS31922-9	70900	NUT, SELF-LOCKING.	.....
4	33	PAF22	5330-00-064-3207	AP20-4016	00025	SWITCH, PRESSURE.	.....
4	34	PAF22	5330-00-063-7779	AP21-4013	00025	SWITCH, PRESSURE.	.....
4	35	PAF22	4130-01-072-9321	2043-2	70437	COIL, CONDENSER.	.....

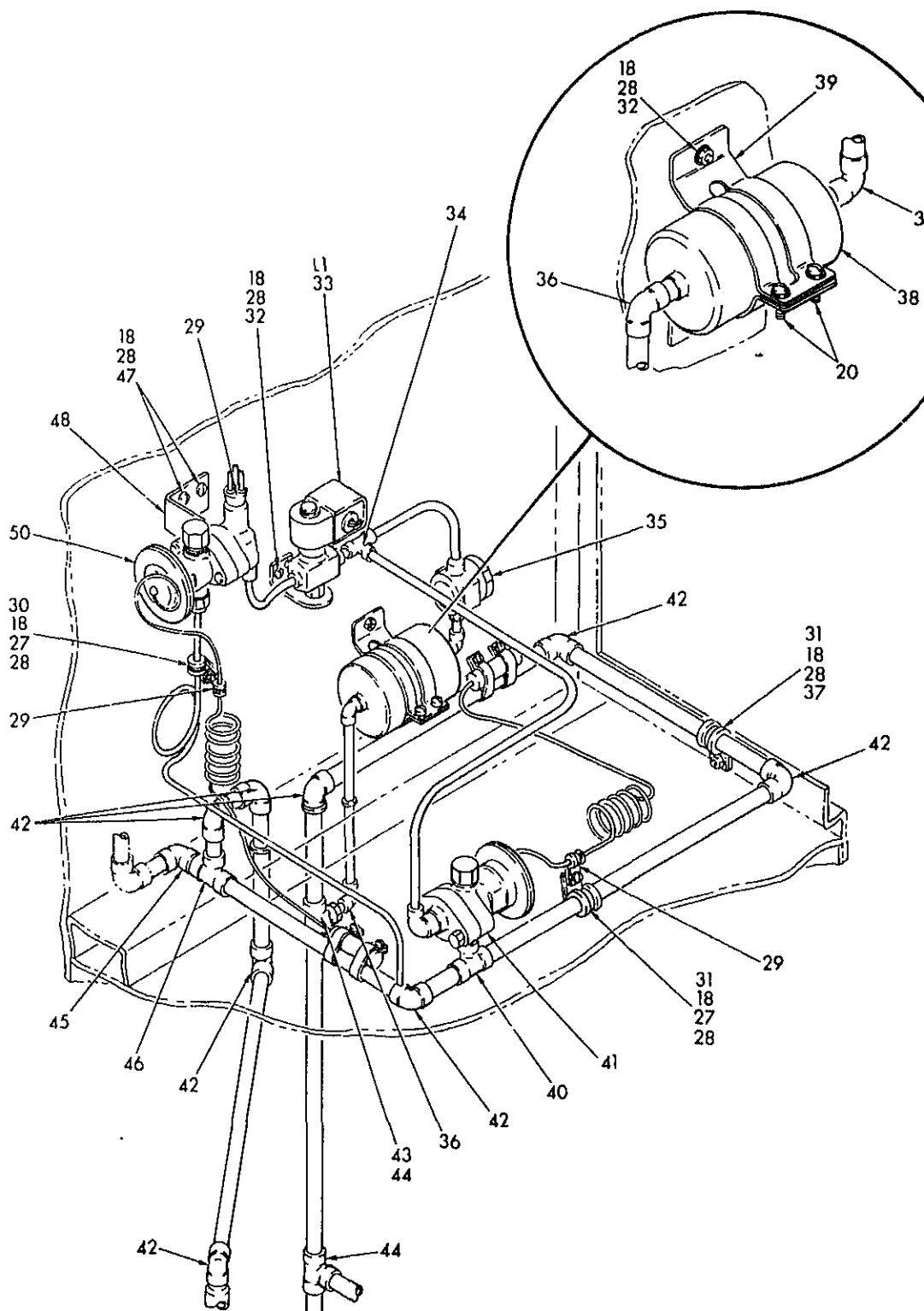




5	3	PAQZZ	5310-00-809-4C61	MS27183-15	Y07J06	WASHER, FLAT.....
5	4	PAQZZ	5310-00-087-7493	MS27183-13	Y07J06	WASHER, FLAT.....
5	5	PAUZZ	5340-00-C70-2C64	AR151	Y5147	ADJUNT, RESILIENT.....
5	6	PAQZZ		6F2-3M1	Y07J07	FAN, CENTRIFUGAL.....
5	7	PAQZZ	3090-00-580-9527	AP42	71170	BELT, POWER.....
5	8	PBQZZ		AK644	71176	PULLEY, GROOVE.....
5	9	PBJZZ		1VP44-5-8	71176	PULLEY, GROOVE.....
5	10	PAQZZ		RH3108	Y5472	MOTOR, ALTERNATING.....
5	11	PAQZZ	5305-00-543-4346	MS35234-30	Y07J06	SCREW, MACHINE.....
5	12	PAQZZ	5310-00-934-5755	MS35050-362	Y07J06	NUT, PLAIN, HEXAGON.....
5	13	PAUZZ	5310-00-045-4C07	MS35338-41	Y07J06	WASHER, LOCK.....
5	14	PAQZZ	5310-00-782-1349	MS15795-004	Y07J06	WASHER, FLAT.....
5	15	PAFZ	5930-00-842-3378	GV5-3	Y0437	SWITCH, THERMOSTATIC.....
5	16	PADZZ	5305-00-993-1848	MS35207-265	Y07J06	SCREW, MACHINE.....
5	17	PAQZZ	5310-01-009-9785	MS27130-20	Y07J06	NUT, PLAIN, BLIND.....
5	18	PAQZZ	5310-00-809-8546	MS27183-8	Y07J06	WASHER, FLAT.....
5	19	XBFZZ		20V5311	Y0437	BRACKET, SWITCH.....
5	20	PAQZZ	5305-00-989-7435	MS35207-264	Y07J06	SCREW, MACHINE.....
5	21	PAQZZ	5310-00-045-3296	MS35338-43	Y07J06	WASHER, LOCK.....
5	22	PADZZ		MW2-10-3	Y0437	CLAMP, LOOP.....
5	23	XBFZZ		20V2-2 P6	Y0437	BRACKET, ANGLE.....
5	24	XBFZZ		20V2-2 P5	Y0437	BRACKET, ANGLE.....
5	25	PAQZZ	4540-01-065-6359	268A5F263M	74424	HEATER, SPACE.....
5	26	XBOZZ		20V2-108	Y0437	PLATE, INSTRUCTION.....
5	27	PADZZ		MS35224-63	Y07J06	SCREW, MACHINE.....
5	28	PAUZZ	5310-00-077-5757	MS21044N3	Y07J06	NUT, PLAIN, BLIND.....
5	29	PAQZZ	5340-00-559-6128	AN742-4C	08044	CLAMP, LOOP.....
5	30	PAQZZ	5340-00-104-7581	MS21104C4	08044	CLAMP, LOOP.....
5	31	PADZZ	5340-00-497-9880	AN742-12C	08044	CLAMP, LOOP.....
5	32	PAQZZ	5305-00-993-1851	MS35207-267	Y07J06	SCREW, MACHINE.....
5	33	PAFZZ	4810-00-881-3005	200R4537	70255	VALVE, SCL ENDIO.....
5	34	XBFZZ	4730-00-263-646C	W4000	Y1447	TEE, TUBE.....
5	35	PAFZZ		AM11553	70255	INDICATOR, LIQUID.....
5	36	XBFZZ	4730-00-277-7522	W2312	Y1447	ELBOW, TUBE.....
5	37	PADZZ	5305-00-984-7341	MS39191-273	Y07J06	SCREW, MACHINE.....
5	38	PAFZZ	4130-00-871-5633	AOK163S	70255	DEHYDRATOR.....
5	39	XBFZZ		SSL07	Y0437	BRACKET, CLAMP.....

P.O. NO.	ITEM NO.	CODE	STOCK NUMBER	NUMBER	FSCM
5	40	XBF22	4730-00-263-6471	M4007	41947 TEE, TUBE.....
5	41	PAF22		LCL2A	70255 VALVE, EXPANSION.....
5	42	XBF22	4730-00-254-6450	M2C22	41947 ELBOW, TUBE.....
5	43	PAF22	4730-00-809-9669	M1717	41947 BUSHING, SLEEVE.....
5	44	XBF22	4730-00-589-1503	M4043	41947 TEE, TUBE.....
5	45	XBF22	4730-00-839-6380	M2326	41947 ELBOW, TUBE.....
5	46	XBF22	4730-00-263-6472	M4006	41947 TEE, TUBE.....
5	47	PAQ22	5305-00-589-6265	MS35207-262	909J6 SCREW, MACHINE.....
5	48	XBF22		20V2-110	90437 BRACKET.....
5	49	XBF22		1620-3-3-16-2	78402 DISTRIBUTOR.....
5	50	PAF22		TCLE2004M10J	70255 VALVE, EXPANSION.....
5	51	XBF22		20V2-2P9	90437 DAMPER, FLUID.....
5	52	PAF22		ZUV3-7	98437 COIL, EVAPORATOR.....
5	53	PAQ22	5340-00-009-J506	MS21105-7	909J6 CLAMP, LOOP.....
5	54	PAQ22	5305-00-995-3441	MS35207-269	909J6 SCREW, MACHINE.....
5	55	PAQ22	4130-01-072-8272	ZGV2-106	98437 FILTER ELEMENT, AIR.....
GROUP 06 BULK MATERIALS LIST					
		PAF22	5999-00-937-5624	Z6106	077J0 SHIELDING GASKET.....
		PAF22	6145-00-578-7514	M5086-2-12-5	01349 WIRE, ELECTRICAL.....
		PAF22	6145-00-578-6632	M5086-2-18-5	01349 WIRE, ELECTRICAL.....
		PAF22	7510-00-031-7498	NDT3J	02214 TAPE, PRESSURE.....
		PAF22	4710-00-203-3173	MW1775-1-20JAKU3 2WALL	01340 TUBE, COPPER.....
		PAF22	4710-00-203-3171	MW1775-1-40JAKU3 0WALL	01340 TUBE, COPPER.....
		PAF22	4710-00-203-3172	MW1775-3-80JAKU3 2WALL	01340 TUBE, COPPER.....
		PAF22	4710-00-203-3174	MW1775-5-80JAKU3 5WALL	01340 TUBE, COPPER.....
		PAF22		MW17991 TYPE LF GRMA CL2-7-8	01340 TUBE, COPPER.....





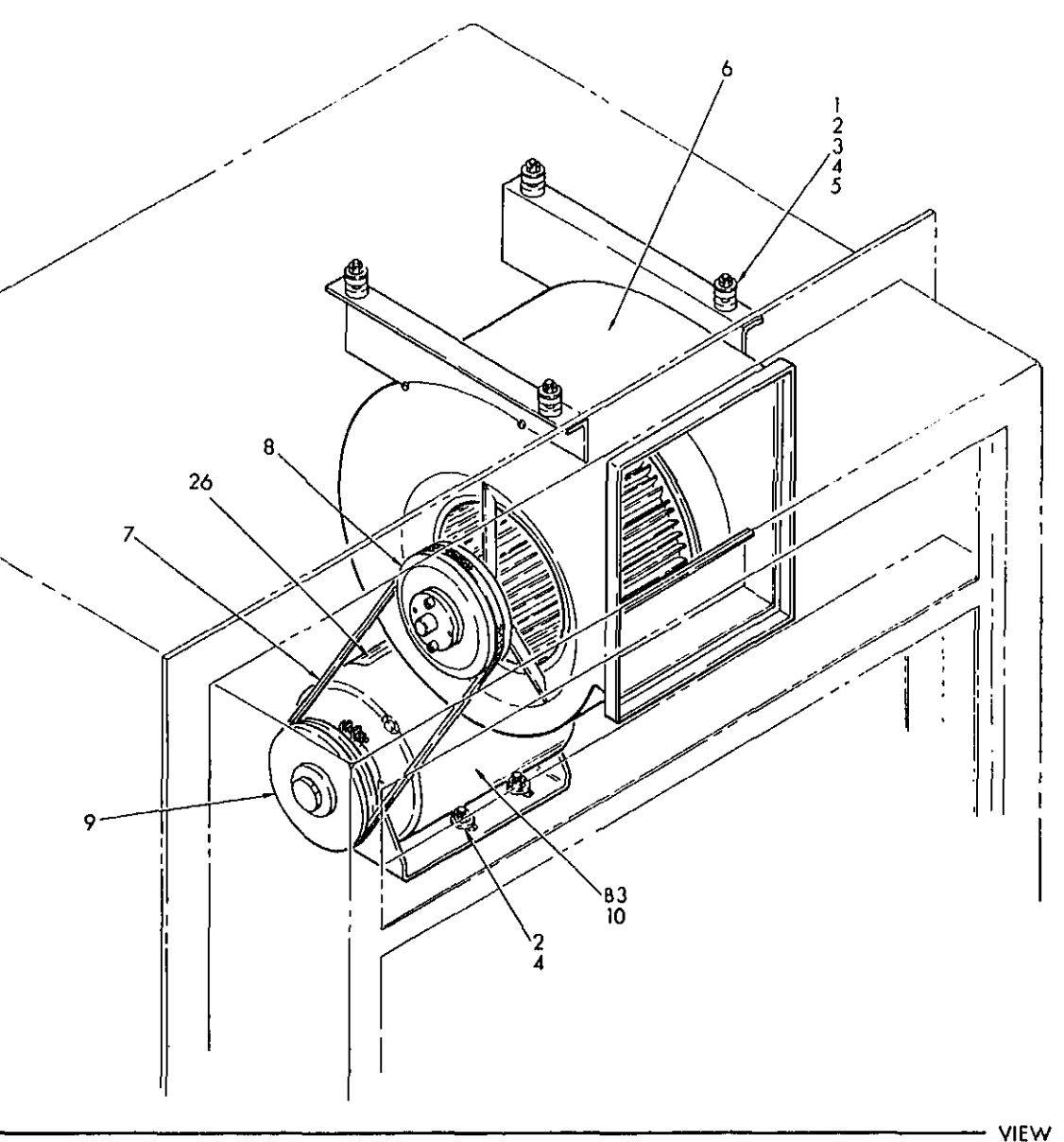


FIG. 5. EVAPORATOR SECTION (SHEET 3 OF 3)

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER
945-00-008-4333	2	23	5930-00-615-9367
340-00-009-0506	4	3	6210-00-683-0133
340-00-009-0506	5	53	5935-00-725-0889
720-00-009-7279	4	26	5310-00-777-6032
730-00-027-0773	3	21	5310-00-782-1349
510-00-031-7498			5930-00-786-3535
310-00-045-3296	1	13	5310-00-809-4058
310-00-045-3296	2	24	5310-00-809-4061
310-00-045-3296	4	8	5310-00-809-4061
310-00-045-3296	5	21	5310-00-809-4061
310-00-045-3299	2	29	5310-00-809-8544
310-00-045-4007	5	13	5310-00-809-8546
305-00-059-3680	2	1	5310-00-809-8546
305-00-059-3662	2	8	5310-00-809-8546
720-00-059-3701	4	23	5310-00-809-8546
330-00-063-7779	4	34	4730-00-809-9669
330-00-064-3207	4	33	4730-00-821-3037
305-00-068-0501	4	9	4730-00-821-9184
305-00-068-6534	2	19	4730-00-822-1277
340-00-070-2064	3	9	5365-00-838-0422
340-00-070-2064	5	5	4730-00-839-6380
325-00-077-8972	2	7	4730-00-839-6380
310-00-087-7493	1	3	5930-00-842-3378
310-00-087-7493	3	6	4820-00-869-3261
310-00-087-7493	4	30	4130-00-871-5633
310-00-087-7493	5	4	5310-00-877-5797
340-00-104-7581	5	30	5310-00-877-5797
310-00-141-3062	1	5	5310-00-880-5976
310-00-141-3062	4	20	4810-00-881-3005
240-00-143-3049	2	11	6340-00-905-4002
310-00-167-0767	4	29	5310-00-929-6395
710-00-203-3171			5310-00-933-8121
710-00-203-3172			5310-00-933-8121
710-00-203-3173			5310-00-934-9755
710-00-203-3174			5310-00-934-9761
306-00-225-8501	3	10	5310-00-934-9765
306-00-225-8501	5	1	5999-00-937-5824
306-00-225-8505	4	28	5310-00-959-1488
305-00-225-9081	1	10	5310-00-984-3806
305-00-247-1325	1	8	5310-00-984-3806
730-00-251-1377	3	18	5310-00-984-3806
730-00-254-6450	3	17	5310-00-984-3806
730-00-254-6450	5	42	5305-00-984-6198
730-00-263-6460	5	34	5305-00-984-7341
730-00-263-6471	5	40	5305-00-984-7341
730-00-263-6472	5	46	4730-00-989-1903
730-00-277-7922	5	36	5305-00-989-6265
325-00-282-7471	1	17	5305-00-989-7435
210-00-299-5106	2	14	5305-00-989-7435
730-00-345-1106	3	19	5305-00-989-7435
105-00-377-8115	3	7	5305-00-993-1848
999-00-383-2139	2	27	5305-00-993-1848
325-00-410-3130	1	21	5305-00-993-1848
320-00-426-4916	1	32	5305-00-993-1851
999-00-476-1037	2	25	6110-00-994-8356
340-00-497-9880	4	22	5305-00-995-3441
340-00-497-9880	5	31	6110-01-006-6035
210-00-504-1093	2	12	5310-01-009-9785
520-00-537-5965	4	27	5310-01-009-9785
305-00-543-4346	5	11	5310-01-009-9785
310-00-550-5054	1	6	5310-01-009-9785
310-00-550-5054	2	3	5325-01-021-1121
340-00-559-6128	5	29	5325-01-021-1928
145-00-578-6602			4820-01-065-2000
145-00-578-7514			4540-01-065-6359
330-00-580-9527	5	7	4130-01-068-5302
320-00-582-3522	1	19	4130-01-072-8271
310-00-582-5965	4	10	4130-01-072-8272
820-00-590-8654	4	24	4130-01-072-8321

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM
CC330UM20	04009	2	23	AN742-12C	8804
C63302U20	04009	2	26	AN742-12C	8804
DK163S	70255	5	38	AN742-4C	8804
	70255	2	4	AN742-5	8804

A14021	35197	5	5	MS90725-37
A36A83	41947	4	4	MS90725-41
B2-4-3C	92578	2	31	MS90725-5
CPRH35H	98437	4	26	MW2-10-3
DANIEL 562LL	70255	4	24	MS086-2-12-9
F3U	71747	1	4	MS086-2-18-9
GY5-3	22336	3	12	NC3-10
HP8548	98437	5	13	NOT30
LCL2A	70255	4	16	MS0224
L618	70255	5	41	POM3
MS15795-804	87531	4	15	RM3108
MS15795-806	96906	5	14	RM3154
MS15795-809	96906	2	20	SSI07
MS15795-809	96906	1	6	SSI96
MS21044N3	96906	2	3	SS720-20V
MS21044N3	96906	4	1	TCLE200HW100
MS21104C4	96906	5	28	VAF4
MS21105-7	96906	5	30	WMT775-1-200XR032WALL
MS21105-7	96906	4	3	WMT775-1-400XR032WALL
MS27130-20	96906	5	53	WMT775-3-800XR032WALL
MS27130-20	96906	1	12	WMT775-5-800XR032WALL
MS27130-20	96906	2	4	WMT799TYPELFORMACL2-7-8
MS27130-20	96906	4	5	W1715
MS27130A14	96906	5	17	W1717
MS27130A26	96906	2	32	W1726
MS27130A26	96906	1	5	W2022
MS27183-10	96906	4	20	W2022
MS27183-13	96906	4	11	W2312
MS27183-13	96906	1	3	W2321
MS27183-13	96906	3	6	W2326
MS27183-13	96906	4	30	W2326
MS27183-15	96906	5	4	W2334
MS27183-15	96906	3	8	W2817
MS27183-15	96906	4	14	W4000
MS27183-7	96906	5	3	W4001
MS27183-8	96906	2	30	W4006
MS27183-8	96906	1	14	W4007
MS27183-8	96906	2	22	W40350
MS27183-8	96906	4	7	W4043
MS3102E24-22P	96906	5	18	018-0018-00
MS35059-21	96906	2	18	1VP44-5-8
MS35191-273	96906	2	5	1VP44-5-8
MS35191-273	96906	4	2	14-18-150-24
MS35206-248	96906	5	37	1423-1M1
MS35207-262	96906	2	28	1601-0410
MS35207-264	96906	5	47	1601-0613
MS35207-264	96906	2	21	1620-3-3-16-2
MS35207-264	96906	4	17	20V1-1P1
MS35207-265	96906	5	20	20V1-1P2
MS35207-265	96906	1	15	20V1-1P3
MS35207-265	96906	4	6	20V1-1P4
MS35207-267	96906	5	16	20V2-1
MS35207-269	96906	5	32	20V2-101M1
MS35224-63	96906	5	54	20V2-105
MS35233-31	96906	5	27	20V2-106
MS35234-30	96906	2	19	20V2-107M1
MS35234-45	96906	5	11	20V2-108
MS35338-136	96906	1	8	20V2-108
MS35338-139	96906	2	17	20V2-108
MS35338-139	96906	1	7	20V2-108
MS35338-41	96906	2	2	20V2-109
MS35338-42	96906	5	13	20V2-110
MS35338-43	96906	2	29	20V2-2P1
MS35338-43	96906	1	13	20V2-2P5
MS35338-43	96906	2	24	20V2-2P6
MS35338-43	96906	4	8	20V2-2P7
MS35338-44	96906	5	21	20V2-2P8
MS35649-64	96906	4	10	20V2-2P9
MS35650-304	96906	2	16	20V3-2
MS35650-362	96906	2	6	20V3-7
MS31922-21	96906	5	12	20V4-1-1
MS31922-9	96906	4	13	20V5-6-2P1
MS31922-9	96906	1	2	20V5-6-2P2
MS31922-9	96906	3	5	20V5-6-2P3
MS31938-64	96906	4	32	20V5-6-2P4
	96906	5	2	20V5-6-2P5
	96906	2	1	20V5-6-2P6

98437	4	19	656	65083	2	11
70255	5	33	85-11-1100-16	94222	1	24
74924	5	25	85-11-980-16	94222	1	22
07700			85-34-101-17	94222	1	18
04009	2	27	85-35-295-15	94222	1	17
04009	2	25	85-46-101-39	94222	1	20
04009	2	9				

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THEN... JOT DOWN THE
DOPE ABOUT IT ON THIS
FORM, TEAR IT OUT, FOLD
IT AND DROP IT IN THE
MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

PFC JOHN DOE

COA, 3^d ENGINEER BN

FT. LEONARD WOOD MO 6310

DATE

ICATION NUMBER

TM 5-4120-343-24P

DATE

13 Jun 79

TITLE

AIR CONDITIONER, 25,000

NSN 4120-01-030-6883

ACT... PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

PARA- GRAPH	FIGURE NO.	TABLE NO.
2-1 a		
	4-3	

In line 6 of paragraph 2-1a in manual states the engine has cylinders. The engine on my s only has 4 cylinders. Change the manual to show 4 cylinders.

Callout 16 on figure 4-3 is pointed at a bolt. In the key to fig. 4-3, item 16 is called a shim. Please correct one or the other.

5 line 20
SAMPLE
I ordered a gasket, item 19 on figure B-16 by NSN 2910-00-762-30. I got a gasket but it doesn't fit. Supply says I got what I ordered, so the NSN is wrong. Please give me a good NSN.

NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SIGN HERE:

1

FILL IN YOUR
UNIT'S ADDRESS



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Materiel Readiness Command
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DATE

PUBLICATION NUMBER

TM 5-4120-343-24P

DATE

13 Jun 79

TITLE

AIR CONDITIONER,
NSN 4120-01-030

E EXACT...PIN-POINT WHERE IT IS

PAGE
NO.

PARA-
GRAPH

FIGURE
NO.

TABLE
NO.

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

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IT AND DROP IT IN THE
MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

DATE

PUBLICATION NUMBER

TM 5-4120-343-24P

DATE

13 Jun 79

TITLE

AIR CONDITIONER

NSN 4120-01-0

BE EXACT...PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

PAGE
NO.

PARA-
GRAPH

FIGURE
NO.

TABLE
NO.

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UNIT'S ADDRESS

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St. Louis, MO 63120

FOLD BACK

meter = 10 hectometers = 3,280.8 feet

Weights

igram = 10 milligrams = .15 grain
 gram = 10 centigrams = 1.54 grains
 n = 10 decigrams = .035 ounce
 agram = 10 grams = .35 ounce
 ogram = 10 dekagrams = 3.52 ounces
 gram = 10 hectograms = 2.2 pounds
 tal = 100 kilograms = 220.46 pounds
 ric ton = 10 quintals = 1.1 short tons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq.
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq.
 1 sq. meter (centare) = 100 sq. decimeters = 10.76
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 s
 1 sq. hectometer (hectare) = 100 sq. dekameters =
 1 sq. kilometer = 100 sq. hectometers = .386 sq. r

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu.
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu.
 1 cu meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

To change	To	Multiply by	To change	To
	centimeters	2.540	ounce-inches	newton-meters
	meters	.305	centimeters	inches
	meters	.914	meters	feet
	kilometers	1.609	meters	yards
inches	square centimeters	6.451	kilometers	miles
feet	square meters	.093	square centimeters	square inches
yards	square meters	.836	square meters	square feet
miles	square kilometers	2.590	square meters	square yards
	square hectometers	.405	square kilometers	square miles
feet	cubic meters	.028	square hectometers	acres
yards	cubic meters	.765	cubic meters	cubic feet
ounces	milliliters	29.573	cubic meters	cubic yards
	liters	.473	milliliters	fluid ounces
	liters	.946	liters	pints
	liters	3.785	liters	quarts
	grams	28.349	liters	gallons
	kilograms	.454	grams	ounces
tons	metric tons	.907	kilograms	pounds
feet	newton-meters	1.365	metric tons	short tons
inches	newton-meters	.11375		

Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C
----	------------------------	----------------------------	---------------------	----